

Elective Description

Campus: Northeast (Grand Forks)

Department: Surgery

Elective/Experience Title: Interventional Pain Management

Course Number: SURG 9311-01

Location of Elective: Valley Bone & Joint –Grand Forks, ND

Preceptor(s): Vinita Parikh, MD

Period(s) Offered: All

Course Prerequisites: Completion of Clerkship

Number of students per period: 1 student per period

Revised Curriculum Phase(s): 2 & 3

Purpose: To provide education and experience in the care of patients requiring interventional pain management services

Objectives: Following successful completion of this elective, the student will be able to:

1. Execute evaluation of patients with chronic pain and generate appropriate management techniques. *(Competency 3.1, 3.2, 3.4)*
2. Summarize indications for epidural steroid injections. *(Competency 2.6, 2.7)*
3. State potential complications of epidural steroid injections. *(Competency 2.6, 2.7)*
4. State the indications for, definition of and treatments used in multimodal treatment for patients with chronic pain. *(Competency 2.6)*
5. Demonstrate application of the concepts learned in objective #4 during the development of management plans for patients. *(Competency 2.7, 3.4)*
6. Summarize the use of IV sedation for procedures including indications, common medications used, monitoring required and potential complications. *(Competency 2.4, 2.6)*
7. Choose to interact in a professional manner with an interdisciplinary treatment team. *(Competency 7.2, 7.4, 7.5)*
8. Summarize the strategies used to screen for narcotic overuse or misuse and demonstrate the ability to screen for narcotic overuse or misuse. *(Competency 2.1, 2.4, 2.5)*

Instructional Activities: During this elective, the student will be involved in/experience:

1. Evaluation of patients with chronic pain in the outpatient setting
2. Observation and when appropriate (with proper supervision), participation in procedures used to treat chronic pain.
3. Readings and topic presentations as assigned by the preceptor regarding pain management.

Criteria for Grading: During and following this elective, the preceptor will:

1. By direct observation evaluate the student's assessment of patients with chronic pain. *(Objective 1)*
2. By direct observation or discussion evaluate the student's understanding of the indications for epidural steroid injections and the potential complications of these injections. *(Objective 2, 3)*
3. By direct observation evaluate the student's understanding of multimodality treatment of chronic pain and the ability to use this in patient management plan creation. *(Objective 4, 5)*
4. By direct observation or discussion, evaluate the student's understanding of principles of IV sedation. *(Objective 6)*
5. Evaluate the student's professionalism by direct observation and from feedback received from the staff. *(Objective 7)*
6. By discussion with the student and direct observation, assess the student's knowledge of and ability to screen for narcotic overuse or misuse. *(Objective 8)*
7. Utilize the standardized UNDSMHS senior elective evaluation form.